



(11) **EP 0 887 994 A1**

(12) **EUROPEAN PATENT APPLICATION**  
published in accordance with Art. 158(3) EPC

(43) Date of publication:  
30.12.1998 Bulletin 1998/53

(51) Int. Cl.<sup>6</sup>: **H04N 1/32**, H04L 13/00,  
H04N 1/00

(21) Application number: **96941181.8**

(86) International application number:  
**PCT/JP96/03566**

(22) Date of filing: **06.12.1996**

(87) International publication number:  
**WO 97/22203 (19.06.1997 Gazette 1997/26)**

(84) Designated Contracting States:  
**DE FR GB NL**

(72) Inventor: **SEKIGUTI, Kiyonori**  
**Meguro-ku, Tokyo 153 (JP)**

(30) Priority: **14.12.1995 JP 325429/95**

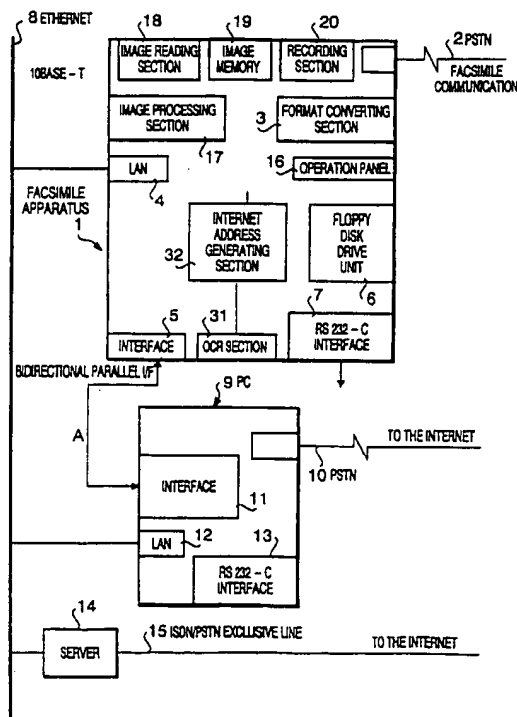
(74) Representative:  
**Grünecker, Kinkeldey,**  
**Stockmair & Schwanhäusser**  
**Anwaltssozietät**  
**Maximilianstrasse 58**  
**80538 München (DE)**

(71) Applicant:  
**MATSUSHITA GRAPHIC**  
**COMMUNICATION SYSTEMS, INC.**  
**Meguro-ku, Tokyo 153 (JP)**

(54) **IMAGE TRANSMISSION APPARATUS**

(57) In order to make it possible to transmit and receive image data for facsimile communication on a computer network, especially on the Internet, image processing section 17 converts the image data for facsimile into the image file that can be transmitted and received on the Internet, and further format converting section 3 generates an electric mail, a registration file so on using the image file, a destination address and so on.

**FIG. 1**



EP 0 887 994 A1

FIG. 1

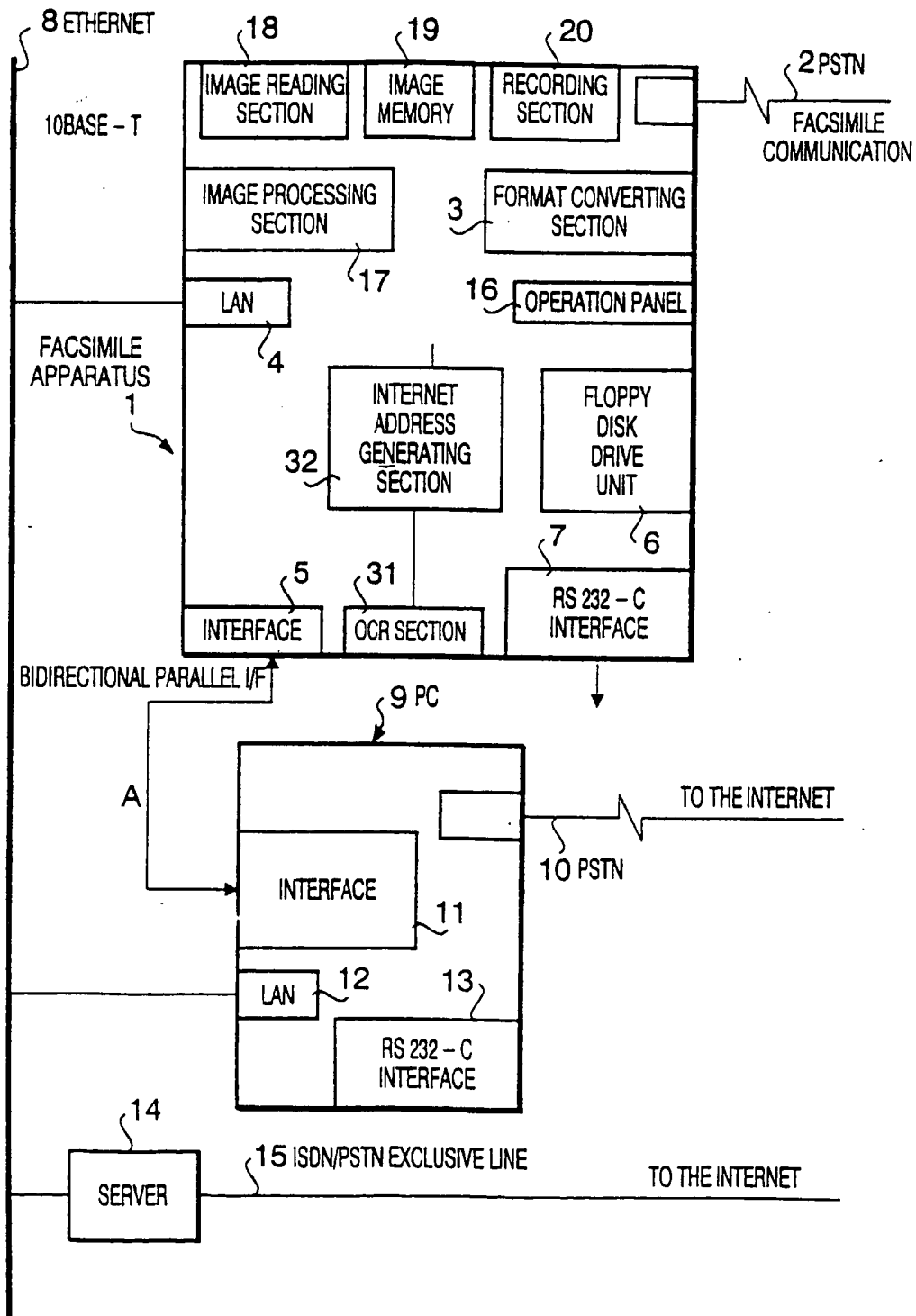


FIG. 2

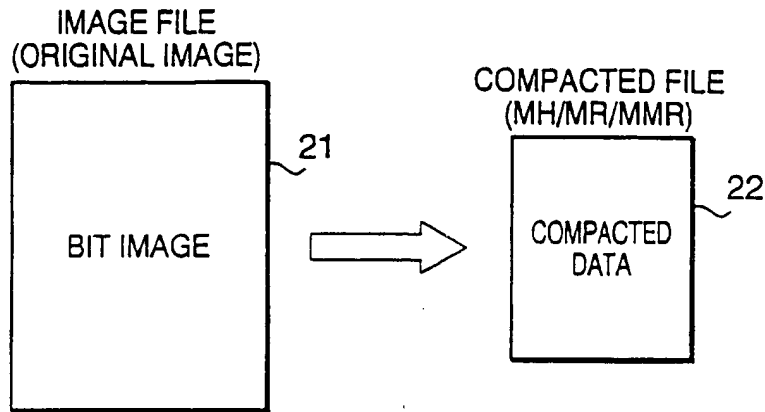


FIG. 3

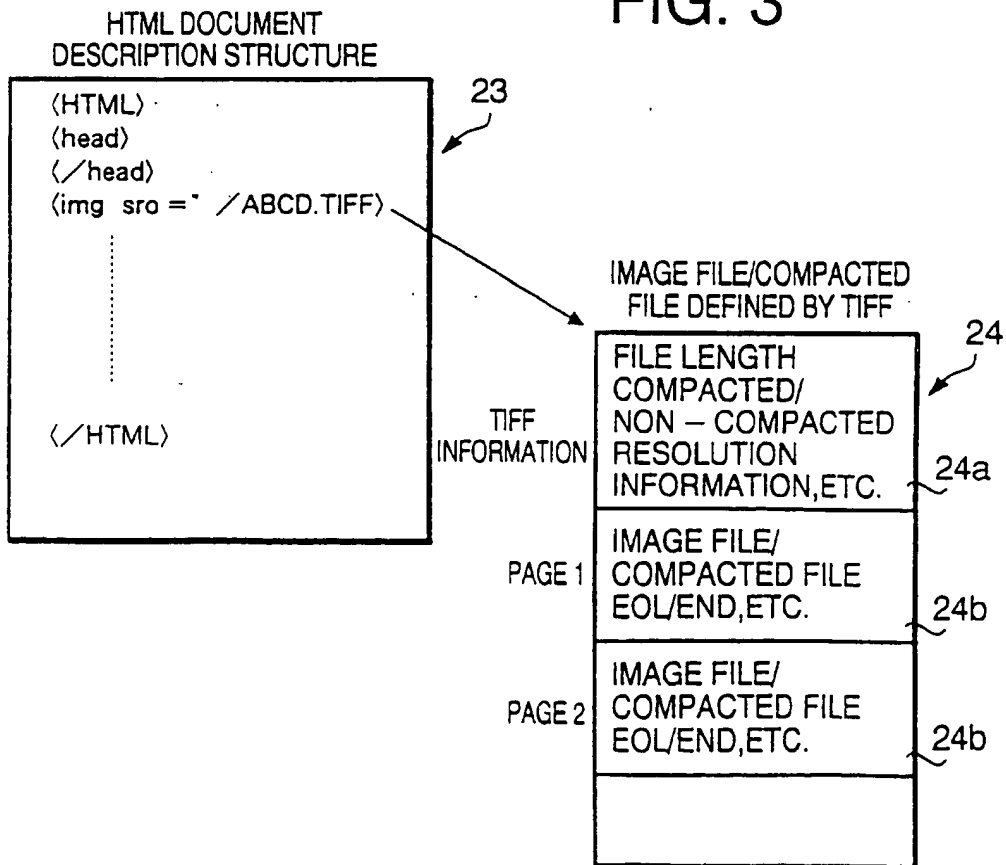


FIG. 4

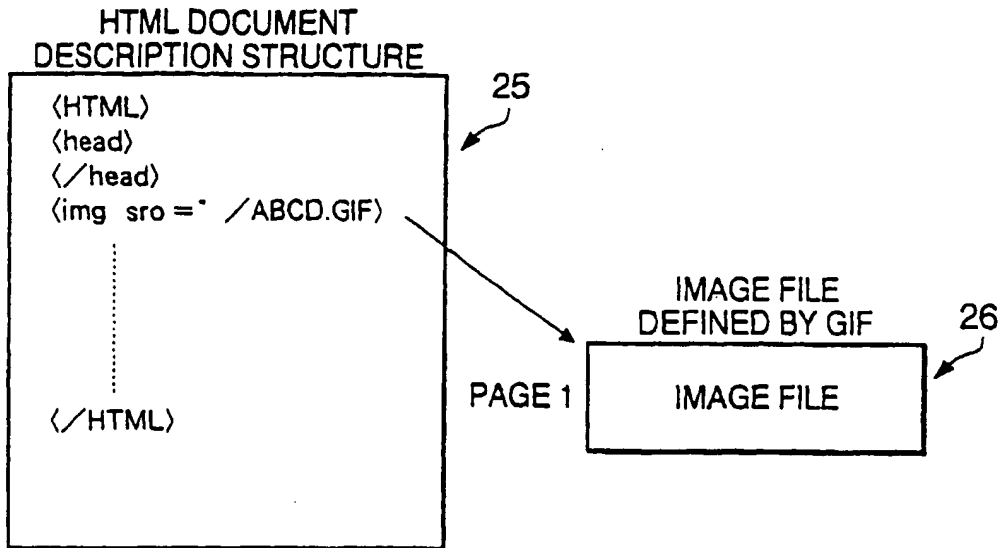


FIG. 5

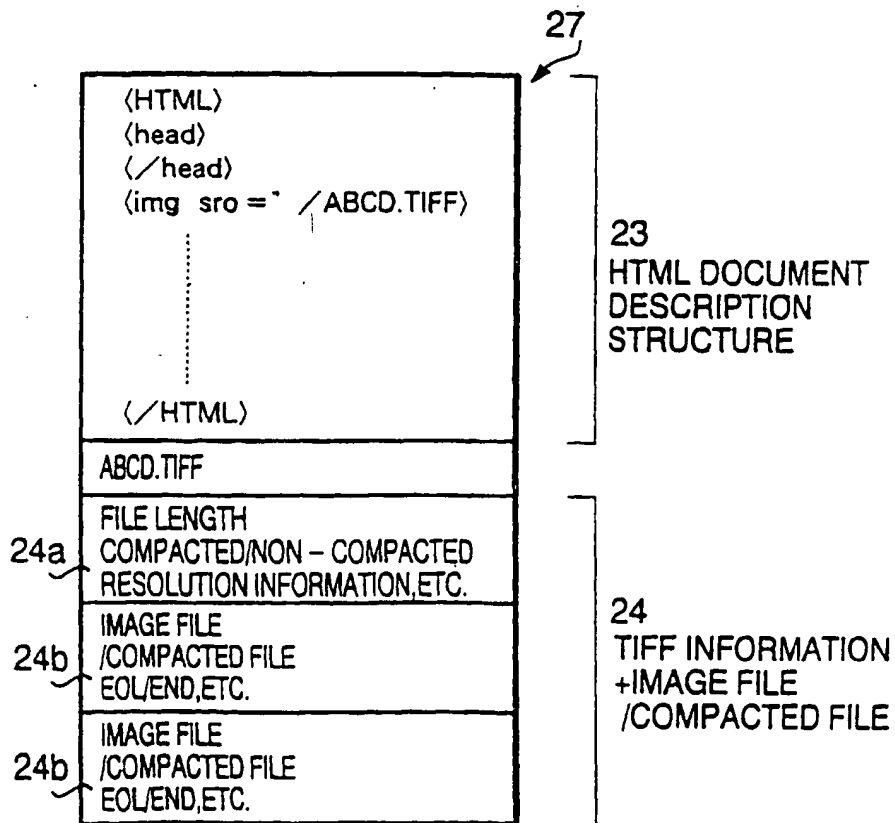


FIG. 6

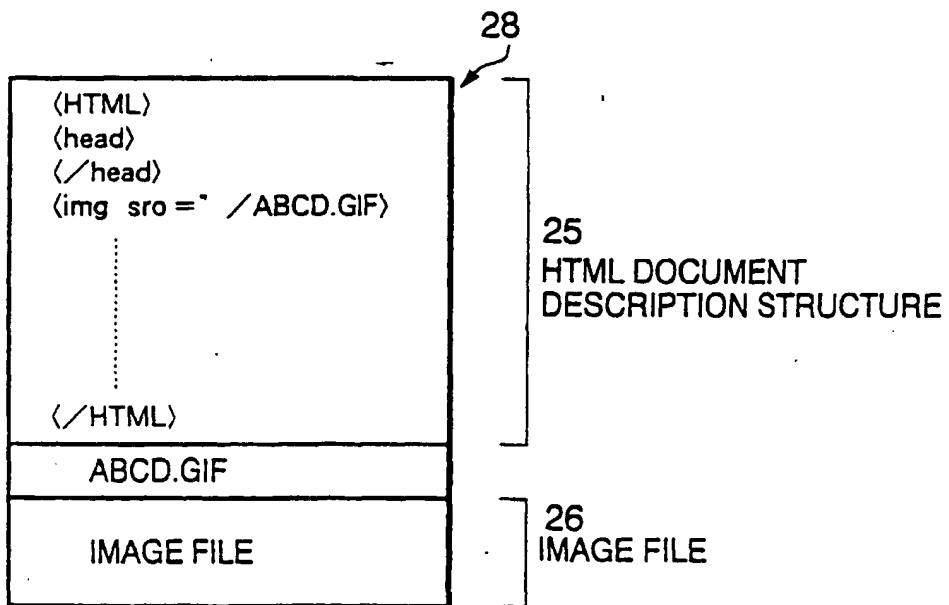
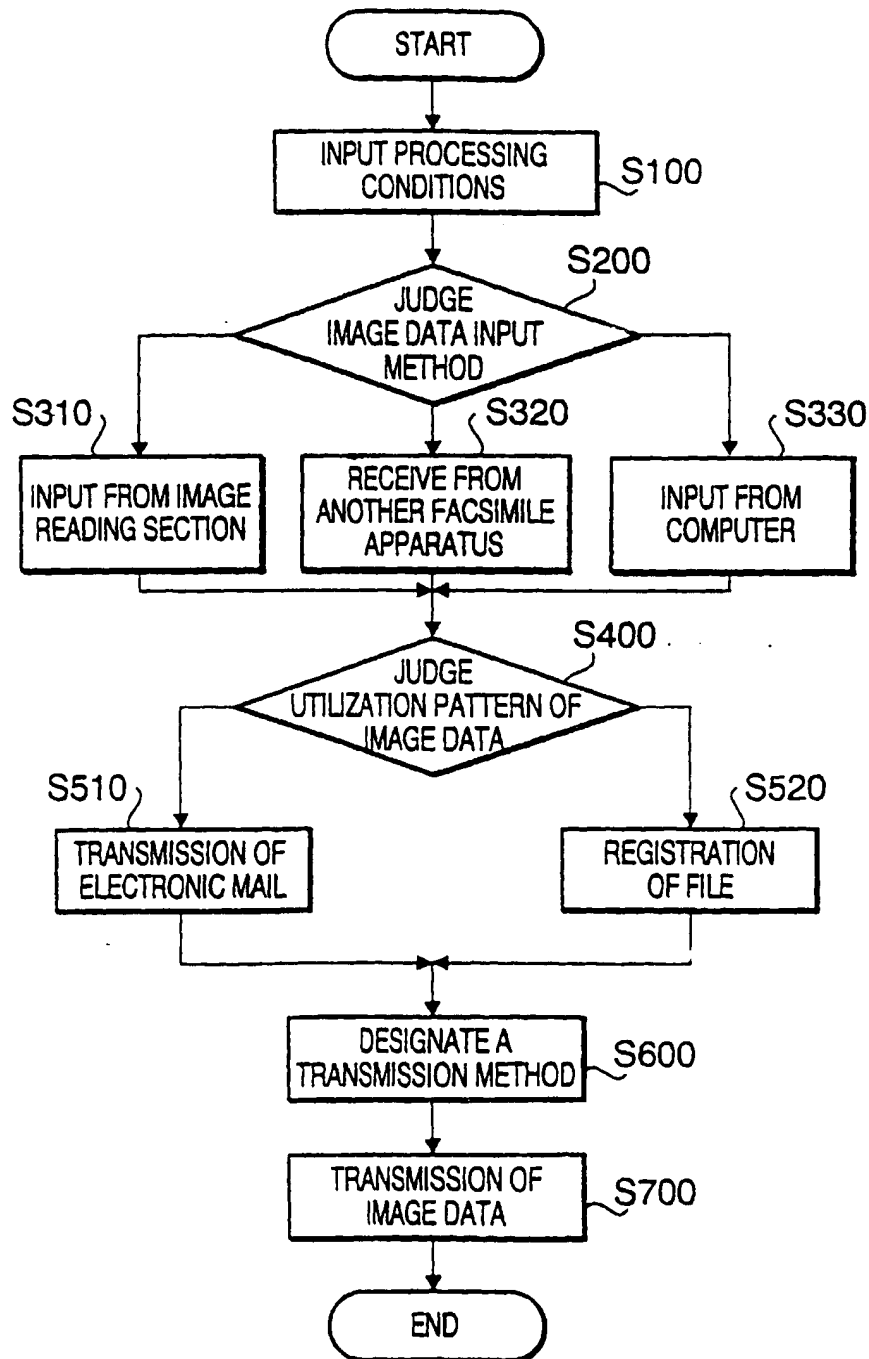


FIG. 7



## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP96/03566

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b><br>Int. Cl <sup>6</sup> H04N1/32, H04L13/00<br>According to International Patent Classification (IPC) or to both national classification and IPC   |   |   |
|---|---|---|
| <b>B. FIELDS SEARCHED</b><br>Minimum documentation searched (classification system followed by classification symbols)<br>Int. Cl <sup>6</sup> H04N1/32, H04L13/00<br>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched<br>Jitsuyo Shinan Koho 1940 - 1996<br>Kokai Jitsuyo Shinan Koho 1971 - 1996<br>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)   |   |   |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>   |   |   |
| Category*   | Citation of document, with indication, where appropriate, of the relevant passages                    | Relevant to claim No.   |
| X   | JP, 4-265040, A (Fuji Xerox Co., Ltd.),<br>September 21, 1992 (21. 09. 92) (Family: none)             | 1 - 4<br>6 - 8  |
| A   |   | 5, 9-19   |
| A   | JP, 5-284326, A (Nippon Telegraph & Telephone Corp.),<br>October 29, 1993 (29. 10. 93) (Family: none) | 5, 9-19   |
| <input type="checkbox"/> Further documents are listed in th continuation of Box C. <input type="checkbox"/> See patent family annex.  |   |   |
| * Special categories of cited documents:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier document but published on or after the international filing date<br>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention<br>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone<br>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art<br>"&" document member of the same patent family |   |   |
| Date of the actual completion of the international search<br>March 4, 1997 (04. 03. 97)   |   | Date of mailing of the international search report<br>March 18, 1997 (18. 03. 97) |
| Name and mailing address of the ISA/<br>Japanese Patent Office<br>Facsimile No.   |   | Authorized officer<br>Telephone No.   |

Form PCT/ISA/210 (second sheet) (July 1992)